CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

NEW RIVER @ THE INTERNATIONAL BOUNDARY - CALEXICO, CALIFORNIA
WATER ANALYSIS RESULTS

FIELD RESULTS	HYDROLAB – YSI 6600				IN-HOFF CONE		
TIME	TEMP (^{o}C)	PH	DISSOLVED OXYGEN (mg/l)	SPECIFIC CONDUCTANCE (umhos/cm)	Settleable Solids (ml/l) 10 min	30 min	60 min
07:00	28.13	7.74	2.1	4042	0.1	0.1	0.1
08:00	28.03	7.73	2.2	4049	0.1	0.1	0.1
09:00	28.00	7.72	1.9	4062	0.1	0.1	0.1
10:00	28.08	7.69	2.5	4073	0.1	0.1	0.1
11:00	28.21	7.72	2.8	4091	0.1	0.1	0.1
12:00	28.47	7.73	2.9	4129	0.1	0.2	0.2
13:00	29.85	7.74	3.5	4162	0.2	0.3	0.5
14:00	29.20	7.73	2.5	4166			
SEPTEMBER	28.50	7.73	2.6	4097	0.1	0.1	0.2
LAST 12 MONTHS AVE.	22.62	7.70	1.99	4,047	0.25	0.31	0.34

FIELD OBSERVATIONS:

0700 - Ambient temperature is 26.8 ^{o}C. The sky is clear and blue. There is no breeze. Watercolor is olive green. Mild septic odor. A little of foam.
0800 – Ambient temperature is 27.2 ^{o}C. No foam. No other changes were observed.
0900 – Ambient temperature is 32.2 ^{o}C. No other changes were observed.
1000 - Ambient temperature is 32.6 ^{o}C. No other changes were observed
1100 - Ambient temperature is 35.9 ^{o}C. No other changes were observed
1200 - Ambient temperature is 40.6 ^{o}C. No other changes were observed
1300 - Ambient temperature is 40.8 ^{o}C. No other changes were observed
1400 - Ambient temperature is 41.0 ^{o}C. No other changes were observed

REG. WATER QUALITY CONTROL BOARD LAB.			**FECAL COLIFORM RESULTS (MPN/100ml)**			
COLLECTION TIME	STORET CODE	ANALYSIS METHOD	SEPTEMBER 2001	12 MONTHS AVE	MAX VALUE	MIN VALUE
11:00	316315	Multiple Tube Fermentation				
12:00	316315	Multiple Tube Fermentation				
13:00	316315	Multiple Tube Fermentation				
13:30	316315	Multiple Tube Fermentation				
14:00	316315	Multiple Tube Fermentation				

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DHS – SOUTHERN CALIFORNIA LABORATORY				**CONSTITUENT RESULTS (mg/l)[1]**			
	STORET CODE	US EPA METHOD	DETECTION LEVEL	SEPTEMBE 2001	12 MONTHS AVERAGE	MAX VALUE	MIN VALUE
MBAS	38260	425.1	0.025				
Total Phosphate as P	665	365.2	0.01				
Phenol	32730	420.1	0.002				
Cyanide	720	335.2	0.01				
Ammonia - Nitrogen (NH_3-N)	610	350.2	0.05				
Nitrate - Nitrogen (NO_3-N)	71850	353.2	0.2				
Nitrite - Nitrogen (NO_2-N)	630	353.2	0.03				
Hardness as ($CaCO_3$)	900	130.2	1				
Total Alkalinity as ($CaCO_3$)	410	310.1	1				
Bicarbonate (HCO_3)	00440	310.1	1				
Total Filter Residue (TDS)	70300	160.1	10				
Total Suspended Solids	530	160.2	10				
Turbidity	82078	180.1	0.1				
BOD	310	405.1	2				
COD	340	410.4	5				

DHS – SOUTHERN CALIFORNIA LABORATORY				**TRACE METALS RESULTS (ug/l)[1]**			
TRACE METALS	STORET CODE	US EPA METHOD	DETECTION LEVEL	SEPTEMBER 2001	12 MONTH AVERAGE	MAX VALUE	MIN VALUE
As-Arsenic	1002	200.9	2				
Cd-Cadmium	1027	200.9	1				
Cr-Chromium	1034	200.9	10				
Cu-Copper	1042	200.9	10				
Pb-Lead	1051	200.9	10				
Se-Selenium	1147	200.9	5				
Zn-Zinc	1092	289.1	50				
Hg-Mercury	71900	245.1	1				

[1] Composite of eight water samples collected hourly.

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DHS – SOUTHERN CALIFORNIA LABORATORY		SEPTEMBER - 01 RESULTS (ug/l)	
CONSTITUENT[2]	STORET CODE	9:00 AM	12:00 PM
Benzene	34030	ND[3]	ND
Bromobenzene	81555	ND	ND
Bromochloromethane	A-012	ND	ND
Bromodichloromethane	32101	ND	ND
Bromoform	32104	ND	ND
Bromomethane (Mehyl Bromide)	34413	ND	ND
n-Butylbenzene	A-010	ND	ND
sec-Butylbenzene	77350	ND	ND
tert-Butylbenzene	77353	ND	ND
Carbon Tetrachloride	32102	ND	ND
Chlorobenzene (Monochlorobenzene)	34301	ND	ND
Chloroethane	34311	ND	ND
Chloroform	32106	ND	0.68
Chloromethane (Methyl Chloride)	34418	ND	ND
o-Chlorotoluene (2-Chlorotolulene)	A-008	ND	ND
p-Chlorotoluene (4-Chlorotolulene)	A-009	ND	ND
Dibromochloromenhane	32105	ND	ND
Dibromomethane	77596	ND	ND
1,2-Dichlorobenzene (o-DCB)	34536		0.92
1,3-Dichlorobenzene (m-DCB)	34566	ND	ND
1,4-Dichlorobenzene (p-DCB)	34571	0.81	0.79
Dichlorodifluoromethane (Freon 12)	34668	ND	ND
1,1-Dichloroethane (1,1-DCA)	34496	ND	ND
1,2-Dichloroethane (1,2-DCA)	34531	ND	ND
1,1-Dichloroethylene (1,1-DCE)	34501	ND	ND
cis-1,2-Dichloroethylene	77093	ND	ND
trans-1,2-Dichloroethylene	34546	ND	ND
1,2-Dichloropropane	34541	ND	ND
1,3-Dichloropropane	77173	ND	ND
1,2-Dichloropropane	77170	ND	ND

[2] Constituents were analyzed using USEPA Method 524.2; all units are reported in micrograms per liter; the detected level is reported as 0.5 for all the constituents; except as noted.
[3] ND = Concentration is reported below the detected level.

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DHS – SOUTHERN CALIFORNIA LABORATORY	SEPTEMBER - 01 RESULTS (ug/l)		
CONSTITUENT[4]	STORET CODE	9:00 AM	12:00 PM
1,1-Dichloropropylene	77168	ND[5]	ND
cis- & trans-1,3-Dichloropropylene	34561	ND	ND
Ethyl benzene	34371	ND	ND
Ethylene dibromide (EDB)	77651	ND	ND
Hexachlorobutadiene	34391	ND	ND
Isopropylbenzene (Cumeme 77356)	77223	ND	ND
p-Isopropyltoluene (p-Cymene)	A-011	ND	ND
Methylene chloride (Dichloromethane)	34423	ND	ND
Methyl Ethyl Ketone[6]	81595	ND	ND
Methyl Isobutyl Ketone[7]	81596	ND	ND
Methyl tert-Butyl Ether (MTBE)	A-030	ND	ND
Napthalene	34696	ND	ND
n-Propylbenzene	77224	ND	ND
Styrene	77128	ND	ND
1,1,1,2-Tetrachloroethane	77562	ND	ND
1,1,2,2-Tetrachloroethane	34516	ND	ND
Tetrachloroethylene (PCE)	34475	ND	ND
Toluene	34010	0.98	0.73
1,2,3-Trichlorobenzene	77613	ND	ND
1,2,4-Trichlorobenzene	34551	ND	ND
1,1,1-Trichloroethane (1,1,1-TCA)	34506	ND	ND
1,1,2-Trichloroethane (1,1,2-TCA)	34511	ND	ND
Trichloroethylene (TCE)	39180	ND	ND
1,2,3-Trichloropropane	77443	ND	ND
Trichlorofluoromethane (Freon 11)	34488	ND	ND
1,2,4-Trimethylbenzene	77222	ND	ND
1,3,5-Trimethylbenzene	77226	ND	ND
1,1,2-Trichloro-trifluoroethane (Freon 113)	81611	ND	ND
Vinyl chloride (VC)	39175	ND	ND
m,p-Xylenes	A-014	ND	ND
o-Xylene	77135	0.63	0.52

[4] Constituents were analyzed using USEPA Method 524.2; all units are reported in micrograms per liter; the detected level is reported as 0.5 for all the constituents; except as noted.
[5] ND = Concentration is reported below the detected level.
[6] Detection Level is as reported 2.0
[7] Detection Level is as reported 2.0